L Number	Hits	Search Text	DB	Time stamp
1	24	(US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:41
		US-5252868-\$ or US-4704635-\$ or	JPO;	
		US-5955753-\$ or US-5786588-\$ or	DERWENT	
		US-6493030-\$ or US-6147338-\$ or		
		US-5861620-\$ or US-5717458-\$ or		
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		· ·
		(JP-2000078473-\$).did.		
5	20	((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:33
		US-5252868-\$ or US-4704635-\$ or	US-PGPUB;	
		US-5955753-\$ or US-5786588-\$ or	EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	
		US-5861620-\$ or US-5717458-\$ or	IBM_TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or	1	
		US-6163215-\$ or US-6061093-\$ or   US-6127892-\$ or US-3958187-\$ or		
		US-512/892-\$ or US-395818/-\$ or US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and MOS		
12	15	(((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:33
	10	US-5252868-\$ or US-4704635-\$ or	US-PGPUB;	2003/04/02 12:55
		US-5955753-\$ or US-5786588-\$ or	EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	
		US-5861620-\$ or US-5717458-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	-	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
ł		(JP-2000078473-\$).did.) and MOS ) and		
26	11	pixel ((((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:37
20		US-5252868-\$ or US-4704635-\$ or	US-PGPUB;	2003/04/02 12:3/
		US-5955753-\$ or US-5786588-\$ or	EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	•
		US-5861620-\$ or US-5717458-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
İ		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and MOS ) and		
33	9	pixel) and gain	HODEM.	2002/04/02 12:27
J.J.	9	((((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or	USPAT;	2003/04/02 12:37
		US-5955753-\$ or US-5786588-\$ or	US-PGPUB; EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	
		US-5861620-\$ or US-5717458-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	123.7.100	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
-		US-6163215-\$ or US-6061093-\$ or		
ļ		US-6127892-\$ or US-3958187-\$ or		
}		US-5917343-\$ or US-6512544-\$).did. or		
İ		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and MOS ) and		
i		pixel) and oxide	1	1

			I LICDAM.	2003/04/02 12:38
40	5	(((((US-5698844-\$ or US-5280511-\$ or	USPAT; US-PGPUB;	2003/04/02 12:30
		US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or	EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	
		US-5861620-\$ or US-5717458-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
,		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
,		(JP-2000078473-\$).did.) and MOS ) and		
		pixel) and oxide) and length and width		2003/04/02 12:43
47	5	((((((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12.43
		US-5252868-\$ or US-4704635-\$ or	US-PGPUB;	
		US-5955753-\$ or US-5786588-\$ or	EPO; JPO; DERWENT;	
		US-6493030-\$ or US-6147338-\$ or	IBM TDB	
		US-5861620-\$ or US-5717458-\$ or	IBM-IDB	!
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
1		(JP-2000078473-\$).did.) and MOS) and		
		pixel) and oxide) and length and width)		
	9	and load ((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:42
54	9	US-5252868-\$ or US-4704635-\$ or	JPO;	
		US-5955753-\$ or US-5786588-\$ or	DERWENT	
		US-6493030-\$ or US-6147338-\$ or		
		US-5861620-\$ or US-5717458-\$ or		
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		
		US-6163215-\$ or US-6061093-\$ or		
		US-6127892-\$ or US-3958187-\$ or		
		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and conductance		1
58	9	(((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02 12:42
		US-5252868-\$ or US-4704635-\$ or	JPO;	
		US-5955753-\$ or US-5786588-\$ or	DERWENT	Ì
		US-6493030-\$ or US-6147338-\$ or		
		US-5861620-\$ or US-5717458-\$ or		
1	1	US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or		1
1		US-6163215-\$ or US-6061093-\$ or		i
		US-6127892-\$ or US-3958187-\$ or		
1	1	US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
1		(JP-2000078473-\$).did.) and conductance)	ļ	
		and gain	USPAT;	2003/04/02 13:09
62	7	((((US-5698844-\$ or US-5280511-\$ or	US-PGPUB;	2003,04,02 13.03
		US-5252868-\$ or US-4704635-\$ or	EPO; JPO;	
	Į.	US-5955753-\$ or US-5786588-\$ or	DERWENT;	
		US-6493030-\$ or US-6147338-\$ or	IBM TDB	
		US-5861620-\$ or US-5717458-\$ or	100	
		US-5737016-\$ or US-5693932-\$ or		
	1	US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or	1	
		US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or		
		US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or	1	
		(JP-01039171-\$).did. 01 (JP-2000078473-\$).did.) and conductance)		
	1	and gain) and length and width		
1	<u> </u>	and gain; and rength and width	1	<u> </u>

76	2	(250/214).CCLS.	USPAT;	2003/04/02 13:10
		·	US-PGPUB;	
			EPO; JPO;	
	İ		DERWENT;	
83	1812	(250/208.1).CCLS.	IBM_TDB USPAT:	2003/04/02 13:10
63	1012	(230/200.1).CCL3.	US-PGPUB;	2003/04/02 13:10
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
69	336	(348/308).CCLS.	USPAT;	2003/04/02 13:11
		(0.00,000,00000	US-PGPUB;	2000,01,02 13.11
			EPO; JPO;	
i			DERWENT;	
			IBM TDB	}
90	124	((348/308).CCLS.) and gain	USPAT;	2003/04/02 13:12
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
97	105	(((348/308).CCLS.) and gain) and amplifier	USPAT;	2003/04/02 13:13
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
104	40	////240/200\ CGTC \ and main\ and	IBM_TDB	0003/04/00 13 13
104	48	(((((348/308).CCLS.) and gain) and amplifier) and memory	USPAT;	2003/04/02 13:13
		amplifier) and memory	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	10	"5698844"	USPAT;	2003/03/31 17:45
		0030011	US-PGPUB;	2003/03/31 17:45
			EPO; JPO;	
			DERWENT;	
	ľ		IBM_TDB	
-	0	("56988434").PN.	USPĀT;	2003/03/31 17:45
			US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
	2	(#5 C000 4 4 #) DV	IBM_TDB	0000/04/01 10 10
-	_	("5698844").PN.	USPAT;	2003/04/01 13:13
]			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	33342	conductance	USPAT;	2003/03/31 17:57
			US-PGPUB;	, 55, 52 2, 55
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	877		USPĀT;	2003/03/31 17:58
		image-sensor or imager or ccd)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	326	(conductance and (image add conser as	IBM_TDB	2002/02/21 10:05
-	326	(conductance and (image adj sensor or image-sensor or imager or ccd)) and memory	USPĀT; US-PGPUB;	2003/03/31 19:05
		I maye sensor or imager or ccd); and memory	EPO; JPO;	
			DERWENT;	
1			IBM TDB	
-	200	((conductance and (image adj sensor or	USPAT;	2003/03/31 17:58
		image-sensor or imager or ccd)) and	US-PGPUB;	
		memory) and transfer	EPO; JPO;	
			DERWENT;	
]			IBM_TDB	
1-	104		USPAT;	2003/03/31 17:58
		image-sensor or imager or ccd)) and	US-PGPUB;	
		memory) and transfer) and load	EPO; JPO;	
			DERWENT;	
	l		IBM_TDB	

Page 3

image-sensor or imager or ccd]) and memory) and transfer) and load) and gain of the provided in the provided			_	_	
Comparison of image-sensor or	_	57	image-sensor or imager or ccd)) and	US-PGPUB;	2003/03/31 17:59
image-sensor or imager or ccd) and memory) and transfer) and load) and gain   US-PGPUB; EPO; JPO; DERWENT; IBM TDB   US-PAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB				DERWENT;	
56	-	57	image-sensor or imager or ccd)) and	USPAT; US-PGPUB; EPO; JPO;	2003/03/31 17:59
1	-	56	<pre>image-sensor or imager or ccd)) and memory) and transfer) and load) and gain)</pre>	USPAT; US-PGPUB; EPO; JPO;	2003/03/31 17:59
memory) and transfer) and load) and gain)	-	44	<pre>(((((conductance and (image adj sensor or</pre>	IBM_TDB USPAT;	2003/03/31 18:20
US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-76588-\$) and US-765858-\$) and US-766858-\$) and US		4	memory) and transfer) and load) and gain) and (amplify or amplification or amplifying)	EPO; JPO; DERWENT; IBM_TDB	2003/03/31 18:21
S				EPO; JPO; DERWENT;	
US-4704635-\$ or US-5955753-\$ or US-FGPUB; EPO; JPO; different	-	5	US-4704635-\$ or US-5955753-\$ or		2003/03/31 18:25
1	-	0	US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain with	US-PGPUB; EPO; JPO; DERWENT;	2003/03/31 18:22
3	-	1	US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/31 18:22
- 17 ((conductance and (image adj sensor or image-sensor or imager or ccd)) and US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  11 (((conductance and (image adj sensor or image-sensor or imager or ccd)) and US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  11 (((conductance and (image adj sensor or image-sensor or imager or ccd)) and US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  13 (noise with (reduction or ruduc\$4)) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  11 (noise with (reduction or ruduc\$4)) with (gain or gains)  11 ((conductance and (image adj sensor or USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  12 (03/03/31) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  13 ((noise with (reduction or ruduc\$4)) with USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  13 ((noise with (reduction or ruduc\$4)) with USPAT; 2003/03/31)	_	3	US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB; EPO; JPO;	2003/03/31 18:24
- 11 (((conductance and (image adj sensor or image-sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc\$4))) and gain  - 39935 (noise with (reduction or ruduc\$4))  - 1190 (noise with (reduction or ruduc\$4)) with (gain or gains)  - 361 ((noise with (reduction or ruduc\$4)) with USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	-	17	image-sensor or imager or ccd)) and memory) and (noise with (reduction or	USPĀT; US-PGPUB; EPO; JPO;	2003/03/31 19:11
- 39935 (noise with (reduction or ruduc\$4))  IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	_	11	image-sensor or imager or ccd)) and memory) and (noise with (reduction or	USPĀT; US-PGPUB; EPO; JPO;	2003/03/31 19:07
DERWENT; IBM_TDB USPAT; (gain or gains) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; OUTHORSE WITH (reduction or ruduc\$4)) with USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; OUTHORSE WITH (reduction or ruduc\$4)) with USPAT;	_	39935	-	USPĀT; US-PGPUB;	2003/03/31 19:11
- 361 ((noise with (reduction or ruduc\$4)) with USPAT; 2003/03/31	-	1190	,	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/31 19:12
(gain or gains)) with amplifier US-PGPUB; EPO; JPO; DERWENT;	-	361	((noise with (reduction or ruduc\$4)) with (gain or gains)) with amplifier	USPĀT; US-PGPUB; EPO; JPO;	2003/03/31 19:16

-	23	(((noise with (reduction or ruduc\$4)) with	USPAT;	2003/03/31 19:13
		(gain or gains)) with amplifier) with	US-PGPUB;	
		(different or difference)	EPO; JPO;	
			DERWENT;	
1_	3	((noise with (reduction or ruduc\$4)) with	IBM_TDB USPAT;	2003/03/31 19:16
-	1	(gain or gains)) with mos	US-PGPUB;	2003/03/31 19:16
		(yain or yains), with mos	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	("5955753").PN.	USPAT;	2003/04/01 13:16
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	2	("5786588").PN.	USPAT;	2003/04/01 13:16
			US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	400	memory with gain with (pixel or sensor)	USPAT;	2003/04/01 13:27
			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
	2	memory with gain with (pixel or sensor)	IBM_TDB	2003/04/01 13:20
-	4	with mos	USPAT; US-PGPUB;	2003/04/01 13:20
		WICH MOS	EPO; JPO;	
			DERWENT;	
			IBM TDB	
i _	2	memory with gain with (pixel or sensor or	USPAT;	2003/04/01 13:20
		light) with mos	US-PGPUB;	2505,01,01 15.20
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	20	memory with gain with (pixel or sensor)	USPAT;	2003/04/01 13:26
		with (vary or change or different)	US-PGPUB;	
		- -	EPO; JPO;	
			DERWENT;	
	[		IBM_TDB	
1 -	116	memory with gain with (pixel or sensor)	USPAT;	2003/04/01 13:26
		and camera	US-PGPUB;	
	<b> </b>		EPO; JPO;	
			DERWENT;	
	10	momony with and a with faire to a constant	IBM_TDB	2002/04/01 12 0-
-	12		USPAT;	2003/04/01 13:27
		with noise	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	3	("5698844"   "5717458"   "5861620").PN.	USPAT	2003/04/01 13:34
_	5	("5182623"   "5311320"   "5652622"	USPAT	2003/04/01 13:34   2003/04/01 13:42
		"5693932"   "5737016").PN.		
-	9	("4768084"   "5119202"   "5122881"	USPAT	2003/04/01 13:43
		"5144447"   "5187583"   "5335008"		= = = = = = = = = = =
		"5420631"   "5453783"   "5539461").PN.		
-	6	("Re34309"   "5288988"   "5311319"	USPAT	2003/04/01 13:43
] .		"5424529"   "5488415"   "5587738").PN.		
-	3	5861620.URPN.	USPAT	2003/04/01 13:44
-	17	(US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 13:44
[		US-4704635-\$ or US-5955753-\$ or	JPO;	
		US-5786588-\$ or US-6493030-\$ or	DERWENT	
1		US-6147338-\$ or US-5698844-\$ or		
		US-5717458-\$ or US-5861620-\$ or		
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		<b>!</b>
l i		or (JP-2000078473-\$).did.		

-	13	((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 13:45
		US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or   US-5717458-\$ or US-5861620-\$ or	DERWENT;	
		US-5737016-\$ or US-5693932-\$ or	IBM_TDB	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain		
-	13	((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 13:49
		US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
	l.	US-5717458-\$ or US-5861620-\$ or	IBM_TDB	
İ		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or   US-5182623-\$).did. or (JP-01039171-\$).did.		1
		or (JP-2000078473-\$).did.) and gain		
_	7	(((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 13:52
		US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	2003/04/01 13.32
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	!
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM_TDB	
		US-5737016-\$ or US-5693932-\$ or	_	
1		US-5652622-\$ or US-5311320-\$ or		
-		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
<u>                                     </u>	6	length ((((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 13:50
-		US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	2003/04/01 13:50
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	_	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
	1	length) and memory ((((US-5280511-\$ or US-5252868-\$ or	IICDAM.	2003/04/01 13:50
		US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/04/01 13:50
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
1		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	_	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
[_	7	length) and (memory with gain) ((((US-5280511-\$ or US-5252868-\$ or	HCDATT.	2003/04/01 12:52
-	'	US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/04/01 13:53
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	_	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
]		length) and ((memory or storage) and		
_	7	pixel) (((((US-5280511-\$ or US-5252868-\$ or	HSDAT.	2003/04/01 13:53
-	' İ	US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/04/01 13:33
[		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM_TDB	
1		US-5737016-\$ or US-5693932-\$ or	_	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
		<pre>length) and ((memory or storage) and pixel)) and gain</pre>		
L	<u> </u>	biveill aud dain		

-	4	(((((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01 14:06
		US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	_	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did.		
		or (JP-2000078473-\$).did.) and gain) and		
		length) and ((memory or storage) and		
		pixel)) and gain) and mos		
	(7.6		ann	0000/04/01 14 00
-	676	1	USPAT;	2003/04/01 14:09
		and gain	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	1
			IBM_TDB	1
-	145	MOS with Conductance and Length and width	USPAT;	2003/04/01 14:07
		and gain	US-PGPUB;	
1	İ		EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	32	MOS with Conductance with Length and	USPĀT;	2003/04/01 14:07
		width and gain	US-PGPUB;	2003/04/01 14:07
		"Tach and gain	EPO; JPO;	
			t .	
1			DERWENT;	
	1		IBM_TDB	
-	14	MOS with Conductance with Length with	USPAT;	2003/04/01 14:08
		width and gain	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	MOS with Conductance with Length with	USPĀT;	2003/04/01 14:08
	-	width with gain	US-PGPUB;	
		water water gazir	EPO; JPO;	-
		,	DERWENT;	
				İ
	458	MOC and Conductings and Langth and width	IBM_TDB	2002/04/01 14:00
-	456	MOS and Conductance and Length and width	USPAT;	2003/04/01 14:09
İ		and gain and oxide	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	72	, ,	USPAT;	2003/04/01 14:27
		and gain and oxide) and (gain with MOS )	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	0	gain with amplifyer with oxide with length	USPĀT;	2003/04/01 14:23
		with width	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	1
			IBM TDB	
l _	30	mos with gain with (calculation or	USPAT;	2002/04/01 14:47
-	] 30			2003/04/01 14:47
		equation)	US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	25549	mos .ti.	USPAT;	2003/04/01 14:47
			US-PGPUB;	
	I		EPO; JPO;	
	1		DERWENT;	
1			IBM TDB	
1_	74	(mos .ti.) and oxide and thickness and	USPAT;	2003/04/01 14:48
-	'4		·	2003/04/01 14:48
	1	width and length and gain	US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	10	(mos .ti.) and oxide with thickness with	USPAT;	2003/04/01 14:48
[	]	width and length and gain	US-PGPUB;	
		•	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
L	J		TDE 100	L

_	0	(mos .ti.) and oxide with thickness with width with length with gain	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 14:49
_	8	(mos .ti.) and oxide with thickness with	DERWENT; IBM_TDB USPAT;	2003/04/01 14:55
		width with length and gain	US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14.33
_	727	load adj mos	IBM_TDB USPAT; US-PGPUB;	2003/04/01 14:55
			EPO; JPO; DERWENT; IBM_TDB	
-	8	load adj mos with amplifying adj mos	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:58
-	1	load adj mos with amplifying adj mos with gain	IBM_TDB USPAT; US-PGPUB;	2003/04/01 14:56
			EPO; JPO; DERWENT; IBM_TDB	
-	5	load adj mos with amplifying adj mos and gain	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:10
_	9189	MOS with amplifier	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:11
_	2188	(MOS with amplifier) and load with amplifier	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/04/01 15:10
_	52	MOS with amplifier with load with gain	EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/04/01 15:30
	32	MOS WICH AMPITITES WITH TOAU WITH GAIN	US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 13:30
_	233	(memory or storage) with pixel with gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:39
_	3	(memory or storage) with pixel with gain	DERWENT; IBM_TDB USPAT;	2003/04/01 15:32
		with mos	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	
_	33	(memory or storage) with pixel with gain with (different or high\$2 or low\$2)	USPĀT; US-PGPUB; EPO; JPO;	2003/04/01 15:33
-	52	((memory or storage) with pixel with gain) and image adj sensor	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/04/01 15:40
	20	((/memory or storage) with sivel with	EPO; JPO; DERWENT; IBM_TDB	2002/04/01 15-40
	20	(((memory or storage) with pixel with gain) and image adj sensor) and load	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 15:40

_	1094	storage with transfer with sensor	USPAT; US-PGPUB;	2003/04/02 10:34
			EPO; JPO; DERWENT; IBM TDB	
_	26	(storage with transfer with sensor) and storage with gain	USPĀT; US-PGPUB;	2003/04/01 15:53
			EPO; JPO; DERWENT; IBM TDB	
_	21	((storage with transfer with sensor) and storage with gain ) and sensor with gain	USPĀT; US-PGPUB;	2003/04/01 15:53
			EPO; JPO; DERWENT; IBM TDB	
_	9	storage with transfer with sensor with gain	USPĀT; US-PGPUB;	2003/04/01 16:09
			EPO; JPO; DERWENT; IBM TDB	
-	117	(gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 16:13
			DERWENT; IBM_TDB	
_	45	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 16:12
			DERWENT; IBM_TDB	
-	6	<pre>(((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor) and MOS</pre>	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 16:12
1_	66	((gain with different with amplifiers) and	DERWENT; IBM_TDB USPAT;	2003/04/01 16:13
		((pixels or sensor) and (memory or storage))) and gain near4 different	US-PGPUB; EPO; JPO;	2003/04/01 16:13
_	52	((gain with different with amplifiers) and	DERWENT; IBM_TDB USPAT;	2003/04/01 16:13
		((pixels or sensor) and (memory or storage))) and gain near3 different	US-PGPUB; EPO; JPO;	2000, 01, 02 20120
_	55	((gain with different with amplifiers) and	DERWENT; IBM_TDB USPAT;	2003/04/01 16:14
		((pixels or sensor) and (memory or storage))) and gain near3 different	US-PGPUB; EPO; JPO; DERWENT;	
_	49	((gain with different with amplifiers) and	IBM_TDB USPAT;	2003/04/01 16:19
		((pixels or sensor) and (memory or storage))) and gain near2 different	US-PGPUB; EPO; JPO; DERWENT;	
-	24	(storage with transfer with sensor) and	IBM_TDB USPAT;	2003/04/01 16:21
		<pre>((gain or amplif\$6) near3 (different or very or vary))</pre>	US-PGPUB; EPO; JPO; DERWENT;	
_	8	memory adj cell with sensor adj cell	IBM_TDB USPAT; US-PGPUB;	2003/04/01 17:21
			EPO; JPO; DERWENT;	
-	79	memory adj (cell or unit) with sensor adj (cell or unit)	IBM_TDB USPAT; US-PGPUB;	2003/04/01 17:22
			EPO; JPO; DERWENT; IBM TDB	
L			100	

<b>–</b>	2	memory adj (cell or unit) with sensor adj	USPAT;	2003/04/01 17:25
		(cell or unit) with (gain or amplif\$7)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	1685	memory with sensor with (gain or amplif\$7)	USPAT;	2003/04/01 17:25
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	0205	[ ,	IBM_TDB	
-	8325	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/04/02 10:35
		(sensor or pixel or reading)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	179	((storage or memory) with transfer with	IBM_TDB USPAT;	2003/04/02 10:40
_	1/9	((sensor or pixel or reading)) and (((gain	US-PGPUB:	2003/04/02 10:40
		or amplification or amplified) with	EPO; JPO;	
		(sensor or pixel or reading)) and ((gain	DERWENT;	
		or amplification or amplified) with	IBM TDB	
		(storage or memory)))	1201-100	
_	78	(((storage or memory) with transfer with	USPAT;	2003/04/02 10:40
		(sensor or pixel or reading)) and (((gain	US-PGPUB;	=====================================
		or amplification or amplified) with	EPO; JPO;	
		(sensor or pixel or reading)) and ((gain	DERWENT;	
		or amplification or amplified) with	IBM TDB	
		(storage or memory)))) and MOS	_	

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